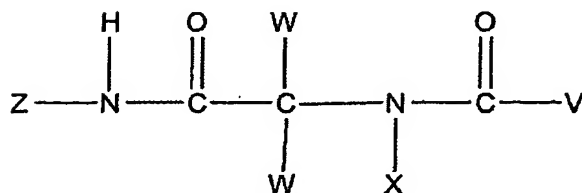
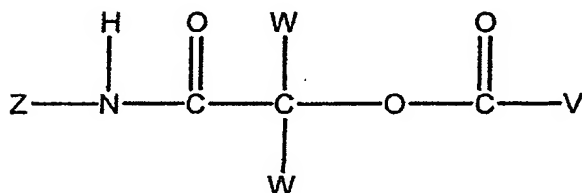


Claims

1. A compound of the formula (I)



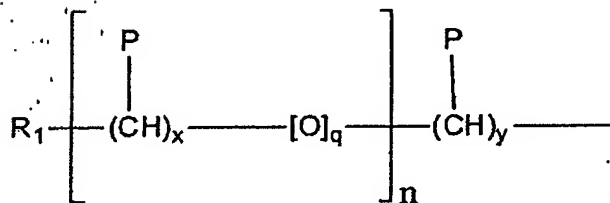
formula (Ia)



formula (Ib)

in which

the residues V, W, X and Z are in each case,
independently of each other, a hydrocarbon residue
which can contain heteroatoms and/or V, W and/or X
is/are hydrogen, **characterized in that** at least
one of the residues V, W, X and/or Z carries a
binding group Y and in that the residues V, W, X
and Z together exhibit at least one group of the
formula (II)

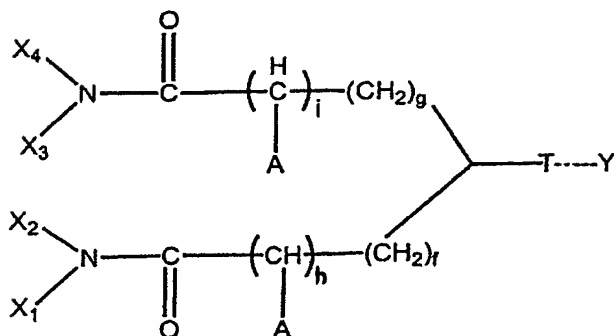


formula (II)

in which

P is, on each occasion independently, H, OH, O-R₂
or CO-R₃,
R₁ is H or a hydrocarbon residue which has from 1

6. A compound having the formula (XIV)



in which

h and i are, on each occasion independently, 0 or 1,
g and f are, on each occasion independently, an integer between 0 and 10, preferably between 0 and 5,
A is, on each occasion, H or $-(\text{CO})-\text{NX}_2$, and
 X_1 , X_2 , X_3 and X_4 , and also X, have, in each case independently of each other, the meanings given above for X.

7. A method for preparing a compound as claimed in one of claims 1 to 6, **characterized in that** the compounds of the formulae

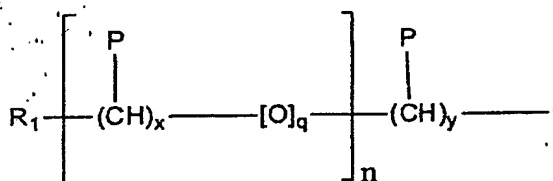


and



are reacted with each other, as starting compounds, in a multicomponent reaction, where V' ,

W', X' and Z' are, in each case independently of each other, a hydrocarbon residue which can optionally contain heteroatoms and/or V', W' and/or X' are hydrogen, where at least one of the residues V', W', X' and Z' carries a binding group Y and where the residues V', W', X' and Z' together possess at least one group of the formula (II)



formula (II)

10

in which

P is, on each occasion independently, H, OH, O-R₂ or CO-R₃,

15

R₁ is H or a hydrocarbon residue which has from 1 to 50 carbon atoms and which can contain heteroatoms,

R₂ is, on each occasion independently, a hydrocarbon residue having from 1 to 6 C atoms,

R₃ is OH or NR₄R₅,

20

R₄ and R₅ are, in each case independently, H or a hydrocarbon residue which can contain heteroatoms, where R₄ and R₅ can together also form a ring system,

n is, on each occasion independently, an integer of from 1 to 1000, and

25

x is, on each occasion, an integer of from 1 to 10, and

y is an integer of from 0 to 50, and

q is, on each occasion independently, 0 or 1.

30

8. The method as claimed in claim 7, **characterized in that** at least one of the residues V', W', X' and/or Z' contains at least one further functionality selected from NH₂, C=O, NC and/or

COOH.

9. A conjugate which comprises a compound of the formula (I), as defined in one of claims 1 to 6,
5 which is covalently bonded to a biopharmaceutical, pharmaceutical and/or synthetic active compound.
10. A conjugate which comprises a compound of the formula (I), as defined in one of claims 1 to 6,
10 which is covalently bonded to a surface and/or a biocatalyst.
11. A conjugate which comprises a compound of the formula (I), as defined in one of claims 1 to 6,
15 which is covalently bonded to an enzyme.
12. A conjugate which comprises a compound of the formula (I), as defined in one of claims 1 to 6,
20 which is covalently bonded to medicinal products or adjuvants for administering active compounds.
13. A pharmaceutical composition which comprises a compound as claimed in one of claims 1 to 6 or a conjugate as claimed in claim 9 or 11.
25
14. A diagnostic composition which comprises a compound as claimed in one of claims 1 to 6 or a conjugate as claimed in claim 9 or 10.
- 30 15. The use of a conjugate as claimed in claim 9 for producing a pharmaceutical for treating cancer or coronary diseases, metabolic diseases, neuronal or cerebral diseases, e.g. Alzheimer's or Parkinson's, or inflammatory processes, e.g.
35 infections, and immune or autoimmune diseases, in particular rheumatoid arthritis.
16. A method for preparing a substance library, characterized in that at least two different

compounds as claimed in claim 1 are prepared using the method as claimed in claim 7 or 8.

- 5 17. A substance library which comprises at least two different compounds of the formula (I), as defined in one of claims 1 to 6.
- 10 18. A kit which comprises
- (a) at least one compound as claimed in one of claims 1 to 6 and also
 - (b) buffer solutions and, where appropriate,
 - (c) standard proteins and/or means for purifying conjugates which have been formed together
- 15 with the compound from (a).